

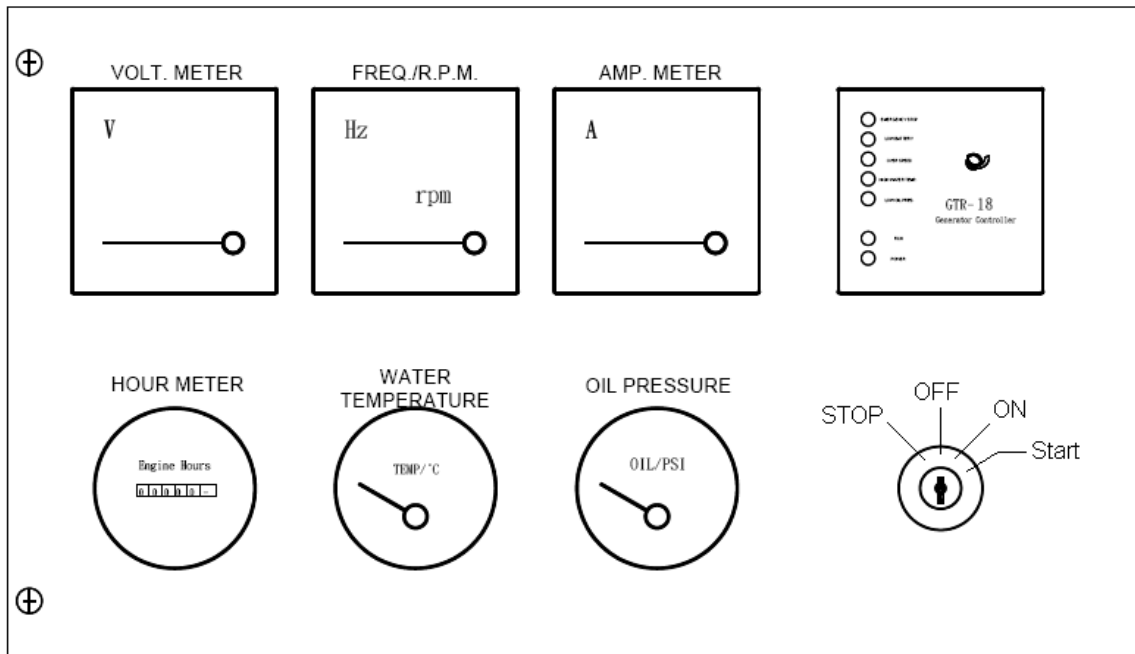
GTR-18B Control Panel User Manual



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Panel Description



Volt. Meter - Indicating generator output voltage

Freq./R.P.M. - Indicating generator output frequency and running speed

Amp. Meter - Indicating generator output current

GTR-18 – Generator Controller

Hour Meter - Generator running hours for maintenances

Water Temp. Meter - Indicating engine coolant temperature

Oil Pressure Meter - Indicating engine oil pressure

Engine Switch – Start and stops the generator.

Engine Switch Description:

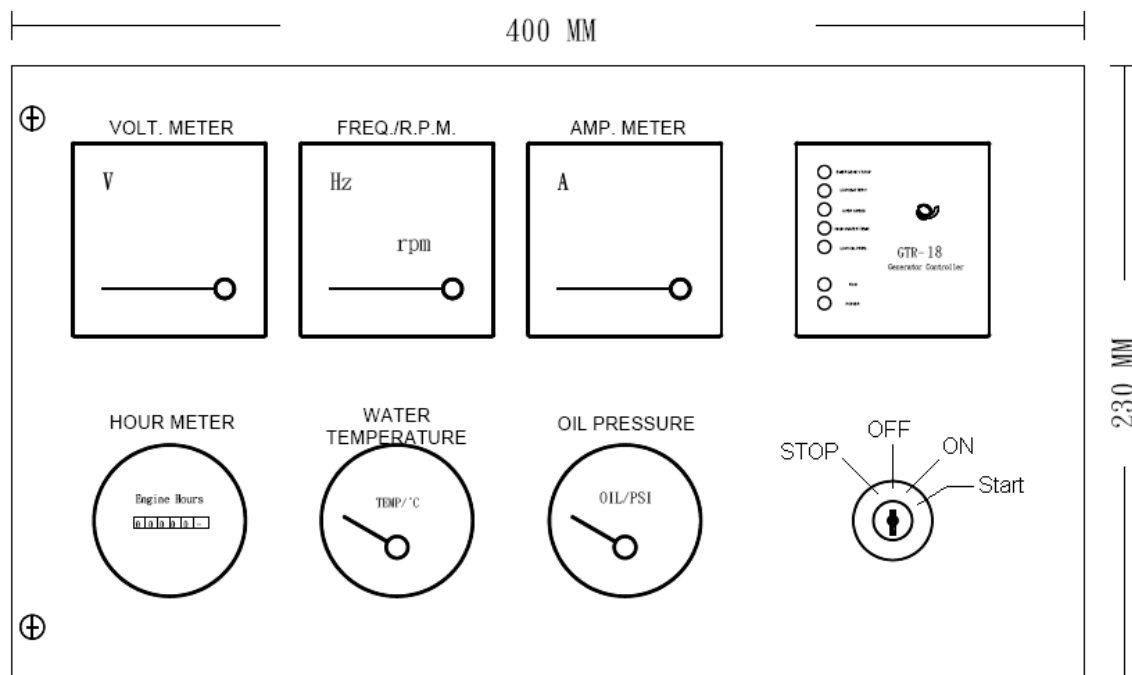
Stop: Activates fuel cutoff solenoid.

OFF: Shut down and switches the generator to OFF position.

ON: Activates fuel valve and switches the generator to ON position.

Start: Starts the generator.

Dimensions



Back View

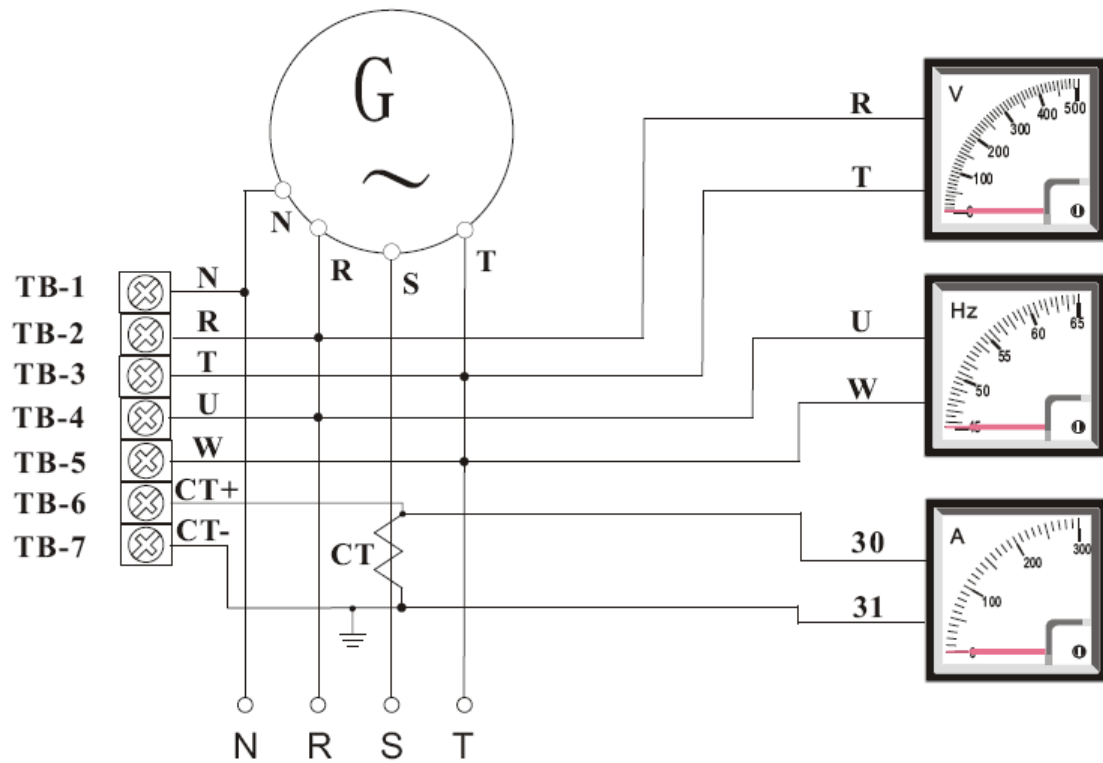


Terminal wiring Description

◆ Front Panel

TB-1	+	+	+		
TB-2	+	R	+		→ GENERATOR R PHASE
TB-3	+	T	+		→ GENERATOR T PHASE
TB-4	+	U	+		→ AC 220V
TB-5	+	W	+		→ AC 220V
TB-6	+	30	+		→ CT1K
TB-7	+	31	+		→ CT1L
TB-8	+	19	+		→ WATER TEMP. METER SENSOR
TB-9	+	20	+		→ LOW OIL PRESSURE METER SENSOR
TB-10	+	11	+		→ LOW OIL PRESSURE SWITCH
TB-11	+	13	+		→ HIGH WATER TEMP. SWITCH
TB-12	+	3	+		→ STARTER MOTOR
TB-13	+	4	+		→ SOLENOID TO STOP
TB-14	+	7	+		→ FUEL VALVE
TB-15	+	17	+		→ ENGINE CHARGER EXCITER D+/F+
TB-16	+	27	+		→ BUZZER
TB-17	+	+	+		→ BATTERY POSITIVE (B+)
TB-18	+	•	+		→ BATTERY NEGATIVE (B-)
TB-19	+	•	+		→ BATTERY NEGATIVE (B-)
TB-20	+	+	+		→ BATTERY POSITIVE (B+)
	+	+	+		
	+	+	+		

AC Connection



DC connection

